

NDUFB9 Rabbit Polyclonal Antibody



CAB17454

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

22kDa

Calculated MW:

21kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The protein encoded by this gene is a subunit of the mitochondrial oxidative phosphorylation complex I (nicotinamide adenine dinucleotide: ubiquinone oxidoreductase). Complex I is localized to the inner mitochondrial membrane and functions to dehydrogenate nicotinamide adenine dinucleotide and to shuttle electrons to coenzyme Q. Complex I deficiency is the most common defect found in oxidative phosphorylation disorders and results in a range of conditions, including lethal neonatal disease, hypertrophic cardiomyopathy, liver disease, and adult-onset neurodegenerative disorders. Pseudogenes of this gene are found on chromosomes five, seven and eight. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

4715

Uniprot

Q9Y6M9

Synonyms:

NDUFB9; B22; CI-B22; LYRM3; UQOR22

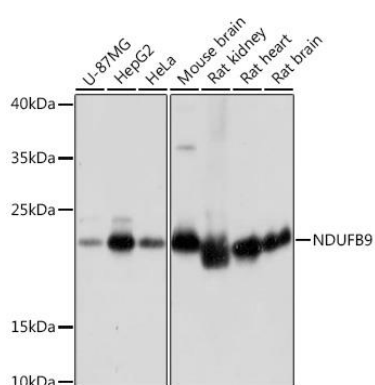
Immunogen:

A synthetic Peptide of human NDUFB9.

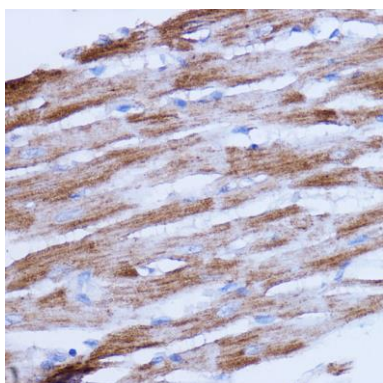
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

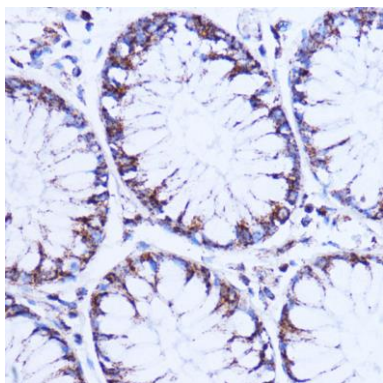
Product Images



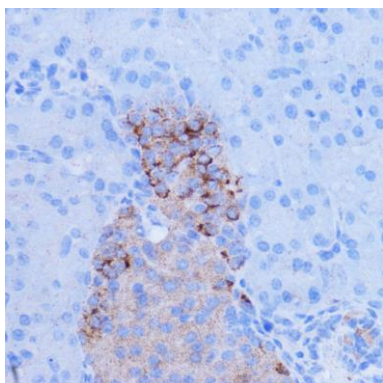
Western blot analysis of extracts of various cell lines, using NDUF B9 Rabbit pAb (CAB17454) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat heart using NDUF B9 antibody (CAB17454) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using NDUF B9 antibody (CAB17454) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse pancreas using NDUF B9 antibody (CAB17454) at dilution of 1:100 (40x lens).